

## ABSTRACT OF THE DISCLOSURE

There is provided a device wherein a scaling section calculates a scaling factor, which indicates a multiplying power to a reference value, of each of the subbands that are audio information divided into a plurality of frequency bands to align each dynamic range, and an outputted signal from the scaling section is coded by a MPEG system, comprising a signal level calculating section and a feature detection processing section. The signal level calculating section calculates a signal level using a scaling factor of each of the subbands from the scaling section. The feature detection processing section, after finding a maximum value and a minimum value of the calculated signal levels, calculates a difference therebetween, determines an interval to be a voice signal when the difference value is greater than or equal to a predetermined threshold value, and determines an interval to be a signal other than voice when the difference value is less than the threshold value. Thereby, it becomes possible to extract features of input audio information during executing coding processes of the input audio information.

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